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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/778,016
	Filing Date	February 12, 2004
	First Named Inventor	Todd Alan Schonewille et al.
	Art Unit	1744
	Examiner Name	Mark Spisich
Total Number of Pages in This Submission	Attorney Docket Number	0275R-000858

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> <b>Form 1449 with 18 cited references and return postcard</b>
Remarks		The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name Michael D. Zalobsky	Reg. No. 45,512
Signature			
Date	January 17, 2005		

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Claudia J. Richard	Express Mail Label No.	EV 570 163 145 US
Signature		Date	January 17, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

EV 570 163 145



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/778,016  
Filing Date: February 12, 2004  
Applicant: Todd Alan Schonewille et al.  
Group Art Unit: 1744  
Examiner: Mark Spisich  
Title: HAND HELD SCRUBBING TOOL  
Attorney Docket: 0275R-000858

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Director of the United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

**I. LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION**

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

**II. COPIES**

A. \_\_\_\_ Submitted herewith is a legible copy of (i) each U.S. patent application publication and U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; (iii) for each cross-referenced pending U.S. application listed below in Section IV, the application specification including the claims, and any drawing of the application which caused it to be listed including the claims directed to that portion; and (iv) all other information or that portion which caused it to be listed.

B. \_\_\_\_ Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

C. ☒ Because the present application was/is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

D. \_\_\_\_ This is a PCT application in the entry of the National Phase in the United States. A copy of the International Search Report is attached for the Examiner's information. The documents listed on the International Search Report are listed on the attached Form-1449 for consideration by the Examiner and for listing on any patent resulting from this application. If the International Search Report was from the US, EPO, or JPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above-identified application. (MPEP 1893.03(g))

III. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

A. ☒ Except as may be indicated below in (B), all of the patents, publications or other information are in the English language (concise explanation not required).

B. ☒ A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. § 1.98(a)(3)):

1. \_\_\_\_ See the attached foreign patent office communication from a counterpart foreign application.
2. \_\_\_\_ English translations are provided.
3. ☒ Other:

**International Search Report for PCT mailed August 10, 2004**

**German Patent Application P 23 46 677.5, which was first published on April 11, 1974, appears to disclose a spray head for generating a plurality of water jets. The spray head comprises six outlet openings (12 in Figures 1 and 2; 32 in Figures 5 and 6) the cross-section of which can be varied by axial displacement of a core member (6;26) which either varies the cross-section by displacement of an elastically deformable ring (13 in Figures 1 and 2) or by displacement of a stepped core (Figures 5 and 6).**

**German Patent No. 35 10 107, first published on October 31, 1985, appears to disclose an adjustable nozzle arrangement for a shower head which nozzle arrangement comprises an axially displaceable nozzle body (6) the position of which determines the amount of water flowing through the nozzle arrangement.**

**German Patent Application P 39 12 655.2 which was published on November 2, 1989, appears to disclose a motor driven brush for cleaning**

upholstery. The brush comprises a rotatably driven brush member and a pump for feeding cleaning fluid thereto. It is stated that feeding of liquid to the brush member (2) is controlled by the user by means of several valves (7) provided in the brush handle. However, no further details are disclosed.

German Patent Application P 42 26 928.8 was published on February 24, 1994, and appears to disclose a spraying device having a nozzle (11) connected to a source of pressurized air through a hose (9) and cooperating with a nozzle (15) which is in connection with the liquid to be sprayed. The hose (9) is normally held in a compressed state by means of a spring biased actuation arm (7). This arm can be manually displaced by the user against the force of the spring (8).

German Utility Model No. 1 962 595 which was published on June 22, 1967, appears to disclose a cleaning device for windows and the like with a brush element (5) provided at the front end of a telescopically adjustable handle (1, 2, 3). Adjacent to the brush element (5) spray nozzles (6) are provided which are in connection with a water pump (9) through a hose (7). No structural details are described.

German Utility Model No. 74 31 959 was published on March 13, 1975 and appears to disclose in a somewhat sketchy way a spraying device. In Figure 4, a valve is shown which appears to comprise a pivotable arm that is spring biased to a position in which the hose is compressed.

German Utility Model No. 87 10 130, published on June 30, 1988, describes a suction device for surgical purposes and contains a valve with a spring (18) biased pinch member (15) which in the non-actuated state compresses a hose (13).

DD-Patent No. 32 872, which was published on November 5, 1964, describes a device for preventing backflow of liquid which device essentially consists of a check-valve provided in a tube-like section. Different forms of check-valves are shown which all use flap-like members to effect closing of the flow path.

German Utility Model No. 202 14 940 (Hako-Werke GmbH, Germany), which was published on March 25, 2004, appears to disclose a device for mounting and/or driving a brush body provided on a drive shaft of a cleaning machine. The device comprises an essentially hollow cylindrically shaped receiving element (2) and an insert (3) element insertable into the receiving element (2) wherein for positive force or torque transmission at least one projection (9) is provided on the insert element (3) and/or the receiving element (2) and at least one corresponding recess (10) on the receiving element (2) and/or the insert element (3). The receiving element or the insert element is provided on the drive shaft angularly displaceable against a reset force.

C. \_\_\_\_ The following additional information is provided for the Examiner's consideration.

IV. CROSS REFERENCE TO RELATED APPLICATION(S)

A. \_\_\_\_ The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this(these) application(s) to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. § 122.

Serial No.

Filing Date

Art Unit

V. THIS IDS IS BEING FILED UNDER

A. ☒ **37 C.F.R. § 1.97(b):** (check only one box)

1. \_\_\_\_ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. § 1.97(b)(1)). No fee or certification is required.

2. \_\_\_\_ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or certification is required.

3. ☒ before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

4. \_\_\_\_ before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required.

B. \_\_\_\_ **37 C.F.R. § 1.97(c):** (check only one box)

before the mailing date of either any Final Office Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution.

1. \_\_\_\_ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

2. \_\_\_\_ See the certification below. No fee is required.

C. \_\_\_\_ **37 C.F.R. § 1.97(d):**

after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee.

1. \_\_\_\_ See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box)

The undersigned hereby certifies that:

A. \_\_\_\_ each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(1)). See further statement under 37 C.F.R. § 1.704(d) below in section VII, if applicable; or

B. \_\_\_\_ no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)).

C. \_\_\_\_ Some of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS.

VII. STATEMENT UNDER 37 CFR 1.704(d)

The undersigned hereby states that:

\_\_\_\_ each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this IDS.

VIII. PAYMENT OF FEES (check only one box)

A. ☒ No fee is presently due.

B. \_\_\_\_ A check in the amount of \$180.00 is enclosed for the above-identified fee.

C. \_\_\_\_ Please charge Deposit Account No. 02-2548 in the amount of \$180.00 for the above-indicated fee. A duplicate copy of this paper is attached.


The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has been made.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 02-2548.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 02-2548.

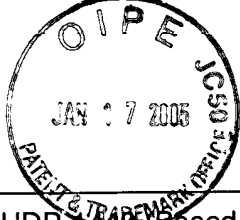
Respectfully submitted,

Dated: January 17, 2005

By:   
\_\_\_\_\_  
Michael D. Zalobsky  
Reg. No. 45,512

HARNESS, DICKEY & PIERCE, P.L.C.  
P.O. Box 828  
Bloomfield Hills, Michigan 48303  
(248) 641-1600

MDZ/cr



FORM HDP-1449 (based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE**  
**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Sheet 1 of 4

ATTORNEY DOCKET NO.	SERIAL NO.
0275R-000858	10/778,016
APPLICANT	
Todd Alan Schonewille et al.	
FILING DATE	GROUP
February 12, 2004	1744

**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.		2002/0011531	1-31-2002	DiMaggio et al.		
2.		2002/0074362	6-20-2002	Py et al.		
3.		2003/0042330	3-6-2003	Streutker et al.		
4.		2003/0052194	3-20-2003	Streutker et al.		
5.		2004/0010876	1-22-2004	Kraemer		
6.		2004/0074025	4-22-2004	Blaustein et al.		
7.		3,343,192	9-26-1967	Goldstein et al.		
8.		3,396,417	8-13-1968	Starr		
9.		3,443,272	5-13-1969	Trelc et al.		
10.		3,447,178	6-3-1969	Pickering		
11.		3,892,004	7-1-1975	Downes		
12.		3,977,084	8-31-1976	Sloan		
13.		4,060,870	12-6-1977	Cannarella		
14.		4,129,257	12-12-1978	Eggert		
15.		4,168,650	9-25-1979	Doyel		
16.		4,748,998	6-7-1988	Färber et al.		
17.		4,782,982	11-8-1988	Ellison		
18.		4,792,066	12-20-1988	Kobayashi		
19.		4,930,664	6-5-1990	Ellison		
20.		4,930,686	6-5-1990	Ellison		
21.		4,932,094	6-12-1990	McCowin		

Examiner:

Date Considered:

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



<b>FORM HDP-1449 (Based on Form PTO-1449)</b>  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 2 of 4	ATTORNEY DOCKET NO.	SERIAL NO.
	0275R-000858	10/778,016
	APPLICANT	
	Todd Alan Schonewille et al.	
	FILING DATE	GROUP
	February 12, 2004	1744

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
22.		4,964,398	10-23-1990	Jones		
23.		5,289,605	3-1-1994	Armbruster		
24.		5,301,381	4-12-1994	Klupt		
25.		5,353,461	10-11-1994	Enriquez		
26.		5,375,740	12-27-1994	Umetsu et al.		
27.		5,394,584	3-7-1995	Breitschmid		
28.		5,423,102	6-13-1995	Madison		
29.		5,500,972	3-26-1996	Foster		
30.		5,634,572	6-3-1997	Lane, Jr. et al.		
31.		5,680,666	10-28-1997	Ra		
32.		5,697,115	12-16-1997	Sciarra et al.		
33.		5,701,625	12-30-1997	Siman		
34.		5,718,014	2-17-2004	deBlois et al.		
35.		5,775,539	7-7-1998	Bates et al.		
36.		5,784,744	7-28-1998	Toran		
37.		5,870,790	2-16-1999	Root et al.		
38.		5,956,792	9-28-1999	Gutelius et al.		
39.		5,960,503	10-5-1999	Del Pozo Y Mattei		
40.		5,978,999	11-9-1999	deBlois et al.		
41.		6,026,993	2-22-2000	Sperna Weiland		

Examiner:	Date Considered:
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM HDP-1449 (Based on Form PTO-1449)</b>  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 3 of 4	ATTORNEY DOCKET NO.	SERIAL NO.
	0275R-000858	10/778,016
	APPLICANT	
	Todd Alan Schonewille et al.	
	FILING DATE	GROUP
	February 12, 2004	1744

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
42.		6,031,969	2-29-2000	Burr et al.		
43.		6,058,542	5-9-2000	Lo		
44.		6,248,007	6-19-2001	deBlois et al.		
45.		6,253,405	7-30-2001	Gutelius et al.		
46.		6,292,971	9-25-2001	Chaudray		
47.		6,502,766	1-7-2003	Streutker et al.		
48.		6,554,614	4-29-2003	Dubbe et al.		
49.		6,752,330	6-22-2004	DiMaggio et al.		
50.		D 413,445	9-7-1999	deBlois et al.		
51.		6,134,738	10-24-2000	Weber		

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No	
1.		PCT/US01/23310	7-24-2001	PCT			
2.		PCT/EP01/06637	6-12-2001	PCT			
3.		PCT/US02/05435	2-22-2002	PCT			
4.		PCT/US2003/032863	10-17-2003	PCT			
5.		DE 35 10 107	1-4-1996	Germany			
6.		DE 87 10 130	6-30-1988	Germany			
7.		EP 0 275 218	1-15-1988	EP			

Examiner:	Date Considered:
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM HDP-1449 (Based on Form PTO-1449)</b>  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 4 of 4	ATTORNEY DOCKET NO.	SERIAL NO.
	0275R-000858	10/778,016
	APPLICANT	
	Todd Alan Schonewille et al.	
	FILING DATE	GROUP
	February 12, 2004	1744

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes      No	
8.		P 39 12 655.2	11-2-1989	Germany			
9.		P 23 46 677.5	5-14-1980	Germany			
10.		DD 32 872	11-5-1964	Germany			
11.		EP 0 905 038	9-29-1998	EP			
12.		P 42 26 928.8	2-24-1994	Germany			
13.		GM 74 31 959	3-13-1975	Germany			
14.		DE 202 14 940	3-25-2004	Germany			
15.		1 962 595		Germany			
16.		EP 0 847 713	11-28-1997	EP			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.		Black & Decker Household Products catalog page 59
2.		Black & Decker Parts List for Scubber

Examiner:	Date Considered:
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.